

DELIVERY SYSTEM FOR SELF EXPANDING STENTS
FOR USE IN BIFURCATED VESSELS

ABSTRACT OF THE INVENTION

5 A stent delivery catheter that comprises a central shaft having a distal tip
extending therefrom, at least one guide wire, and a retractable sheath. The distal tip
includes a proximal ridge which has a diameter larger than the central shaft. The guide
wire includes at least one stent disposed about a portion thereof. The at least one guide
wire being movable relative to the central shaft. The retractable sheath being disposed
10 about the central shaft and the at least one guide wire. The retractable sheath having a
distal edge removably engaged to the distal tip. The proximal ridge of the distal tip
overlapping the distal edge of the retractable sheath. The retractable sheath being
proximally retractable from the distal tip.